

PATENT
Attorney Docket No.: HES 2001-IP-006028UID1
Customer No.: 000025587

II. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wellbore cement composition comprising: cement; acrylonitrile butadiene styrene polymer; and water ~~present in an amount sufficient to form a pumpable slurry,~~ wherein the wellbore cement composition is suitable for introduction into a wellbore, and will set in the wellbore.
2. (Original) The composition of claim 1 wherein the cement is Portland cement, pozzolan cement, gypsum cement, aluminous cement, silica cement, or alkaline cement.
3. (Original) The composition of claim 1 wherein the water is present in a range of about 38-70% by weight of the cement.
4. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer is made with a 70% polybutadiene substrate.
5. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer is made with a 65% styrene-butadiene rubber substrate.
6. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer is made with a 35% styrene-butadiene rubber substrate.
7. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer is present in a range of 5% to 30% by weight of the cement.
8. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer has a particle size of less than 1 mm.
9. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 5 microns to 500 microns.
10. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 50 microns to 300 microns.

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11. (Original) The composition of claim 1 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 100 microns to 250 microns.

12. (Original) The composition of claim 1 further comprising a density modifying material, dispersing agent, set retarding agent, set accelerating agent, fluid loss control agent, strength retrogression control agent or viscosifying agent.

13. (Original) The composition of claim 1 further comprising silica flour, silica fume, sodium silicate, microfine sand, iron oxide or manganese oxide.

14. (Original) The composition of claim 1 further comprising silica flour.

15. (Currently Amended) A wellbore cement composition comprising: cement; acrylonitrile butadiene styrene polymer present in a range of 5% to 30% by weight of the cement; and water.

16. (Original) The composition of claim 15 wherein the cement is Portland cement, pozzolan cement, gypsum cement, aluminous cement, silica cement, or alkaline cement.

17. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer is made with a 70% polybutadiene substrate.

18. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer is made with a 65% styrene-butadiene rubber substrate.

19. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer is made with a 35% styrene-butadiene rubber substrate.

20. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 5 microns to 500 microns.

21. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 50 microns to 300 microns.

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22. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 100 microns to 250 microns.

23. (Original) The composition of claim 15 wherein the acrylonitrile butadiene styrene polymer is present in a range of 10% to 15% by weight of the cement.

24. (Original) The composition of claim 15 further comprising a density modifying material, dispersing agent, set retarding agent, set accelerating agent, fluid loss control agent, strength retrogression control agent or viscosifying agent.

25. (Original) The composition of claim 15 further comprising silica flour, silica fume, sodium silicate, microfine sand, iron oxide or manganese oxide.

26. (Original) The composition of claim 15 further comprising silica flour.

27. (Currently Amended) A wellbore cement composition comprising: cement; acrylonitrile butadiene styrene polymer ~~present in a range of 5% to 30% by weight of the cement; and water present in a range of about 38-70% by weight of the cement~~ wherein the acrylonitrile butadiene styrene polymer has a particle size of less than 1 mm.

28. (Original) The composition of claim 27 wherein the cement is Portland cement, pozzolan cement, gypsum cement, aluminous cement, silica cement, or alkaline cement.

29. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer is made with a 70% polybutadiene substrate.

30. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer is made with a 65% styrene-butadiene rubber substrate.

31. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer is made with a 35% styrene-butadiene rubber substrate.

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32. (Currently Amended) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer is present in a range of ~~10% to 15%~~ about 5% to about 30% by weight of the cement.

33. (Currently Amended) The composition of claim 27 wherein the ~~acrylonitrile butadiene styrene polymer has a particle size of less than 1 mm.~~ water is present in a range of about 38% to about 70% by weight of the cement.

34. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 5 microns to 500 microns.

35. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 50 microns to 300 microns.

36. (Original) The composition of claim 27 wherein the acrylonitrile butadiene styrene polymer has a particle size in the range of 100 microns to 250 microns.

37. (Original) The composition of claim 27 further comprising a density modifying material, dispersing agent, set retarding agent, set accelerating agent, fluid loss control agent, strength retrogression control agent or viscosifying agent.

38. (Original) The composition of claim 27 further comprising silica flour, silica fume, sodium silicate, microfine sand, iron oxide or manganese oxide.

39. (Original) The composition of claim 27 further comprising silica flour.